

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. **First & Final Bill**

(For Other Works)

SBR No. 01/20.4.18
Date...../...../2018

Division: **BBMP, Byatarayanapura**

Sub-Division: **BBMP, Kodigehalli**

Bill Received No.

Dated

Divisional

Sub Divisional

Cash Book Voucher No..... Dated.....

Work Code: **008-17-000012**

Schedule Docket No. Head of Account: **P-1771**

Est. Cost: **50.00 Lakhs** D.R. No.:

Name of Work (as per sanctioned estimate): **Construction of government school building in Kodigehalli, ward no. 8.**

Name of Contractor and Full Address : **Sri. Gopi Reddy, No. 03, 1st Cross, 1st main, Ramachandrappa layout, Arebic Collage Post, Erannapalya, Bangalore-45.**

Reference to Agreement No. **BBMP/ EE/BTP/WO/92/ 2017-18**

Date: **07.07.2017**

Certified that the measurements were taken by me on **23/1/18** and recorded of Pages **357111-357139** of measurement Book No. **3572/17-18** and that the work is satisfactorily executed.

Gopi Reddy
Contractor

Thyagaraj W. S.
Officer-in-charge of work **23/1/18**

Certified that the measurement were taken by me on **23/1/18** and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " Balance
- 4) Deduct Payment:
 - a) Amount of previous payment as in the Office Cash Book Voucher
No.....Dated.....S.D. No.....**7.02.17** Amount **44,43,783-00**
adjusted towards cash advance recovery of
 - b) Payments } cost store or other material supplied.
Now made } recovery of amount creditable to this/other work
Amount paid on this bill Cheque / Cash.
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.....
dated.....less adjustments.
- 7) Net amount due to or from Contractor
unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Sub-Division Officer
Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

IT- 44438-00
Cas- 44438-00
CBF- 4444-00
LR- 53770-00

Adjn- 147090-00

Cheque- 4296693-00

Total amount adjusted -

Gopi Reddy
Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

1.
2. **Gopi Reddy**
Signature of Contractor

Dated.....
Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

4443783-00
147090-00
4296693-00
Rs. Forty two Lakh, ninety six thousand six hundred ninety three.
Thyagaraj W. S.
Executive Engineer
29/1/18

Sl. No.	Descriptions	Unit
1	Dismantling Mangalore tiles roof and stacking the material within a radius of 50 meters.with reepers	Sqm
2	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m.	cum
3	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m	cum
4	Dismantling cement concrete flooring or plain cement concrete workincluding removing and conveying the debris to distance upto 200m (within average thickness of 15 cms)	Sqm
5	KSRB 2-1.2 : Earthwork in surface excavation in Hard soil forlevelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m andlift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specification. No. KBS 2.1(a) / 2.3.1	cum
6	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.specification	cum
7	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specificatio	cum
8	KSRB-3.2: Providing and injecting chemical emulsion for Preconstructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured)Specification No. KBS : 3.2.6 / 3.2.7	Sqm
9	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggretes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	cum
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13	cum
11	KSRB 5.4-3 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications.KBS 5.1.13	cum
12	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates 0.878cum and fine aggretes @ 0.459cum, with superplastisiser @3lts onfirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters,columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. specifications NO.KBS 4.1,4.6	cum
13	KSRB 2.5 : Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications. specification. No. KBS 2.9.9 / 2.9.10.1 / 2.1.1	cum
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifcaitons. Specification No. KBS 4.6.2	Sqm
15	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts,square / rectangular / polygon in plan including cost of all materials,labour complete as per specifcaiton.Specification No. KBS 4.6.2	Sqm
16	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc.,and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifcaiton. Specification No. KBS 4.6.2	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	275.3	40.0	11012.00	275.30	11012.00	
-	-	70.44	150.0	10566.00	70.44	10566.00	
-	-	85.58	170.0	14549.00	85.58	14549.00	
-	-	203.61	50.0	10181.00	203.61	10181.00	
-	-	113.75	200.0	22750.00	113.75	22750.00	
-	-	332.03	250.0	83008.00	332.03	83008.00	
-	-	16.97	2000.0	33940.00	16.97	33940.00	
-	-	219.24	100.0	21924.00	219.24	21924.00	
-	-	~~63.66~~	5100.0	~~324666.00~~	~~63.66~~	~~324666.00~~	
-	-	49.59	4000.0	198360.00	49.59	198360.00	
-	-	34.13	5000.0	170650.00	34.13	170650.00	
-	-	156.38	5700.0	891366.00	156.38	891366.00	
-	-	81.15	250.0	20288.00	81.15	20288.00	
-	-	105.78	230.0	24329.00	105.78	24329.00	
-	-	132.87	370.0	49162.00	132.87	49162.00	
-	-	269.7	390.0	105183.00	269.70	105183.00	

17	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per Specification No. KBS 4.6.2	Sqm
18	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per Specification No. KBS 4.1, 4	Sqm
19	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm
20	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications	Sqm
21	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3	Sqm
22	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20 kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @ 0.391 cum , with superplasticiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per Specification No. KBS 4.1, 4.6	Sqm
23	KSRB 9.4-1 : Providing honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Sqm
24	KSRB 9.5-1 : Providing and fixing in position fully panelled Honnewood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm
25	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m. shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg/m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar.	Sqm
26	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per Specification No. KBS 7.12	Sqm
27	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
28	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
29	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm
30	Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete.	Sqm

-	-	191.97	260.0	49912.00	191.97	49912.00	
11		2.11	5300.0	11183.00	2.11	11183.00	
		247.62	940.0	232763.00	247.62	232763.00	
		18.63	720.0	13414.00	18.63	13414.00	
		15.56	68500.0	1065860.00	15.56	1065860.00	
		8.4	510.0	4284.00	8.40	4284.00	
		0.302	108000.0	32616.00	0.30	32616.00	
		6.93	4790.0	33195.00	6.93	33195.00	
		21.15	4250.0	89888.00	21.15	89888.00	
		438.48	90.0	39463.00	438.48	39463.00	
		360.41	240.0	86498.00	360.41	86498.00	
		275.72	230.0	63416.00	275.72	63416.00	
		273.11	210.0	57353.00	273.11	57353.00	
		190.36	1050.0	199878.00	190.36	199878.00	

31	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.No.KBS 14.16, 14.17 Colour glazed tiles 15x15 cms 6mm thick	Sqm
32	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS	Sqm
33	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface , free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm
34	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications	Sqm
35	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm
36	KSRB 15-17.16 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with coal tar paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials,labour, complete as per specifications.	Sqm
37	SOLID PANEL PVC DOOR SHUTTER AND SOLID PVC DOOR FRAME Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.	Sqm
38	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished	Sqm
39	KSRRB M100-1 Loading and Unloading of Stone oulder/Stone aggregates / Sand/ Kanker/ Moorum and Haulage of materials by tipper excluding cost of loading, unloading and stacking complete as per specifications upto 10km lead	Sqm
Gross Total		

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

M. S. Srinivas
12/08

		34.55	1030.0	35587.00	34.55	35587.00	
		24.72	1190.0	29417.00	24.72	29417.00	
		633.52	80.0	50682.00	633.52	50682.00	
		275.72	70.0	19300.00	275.72	19300.00	
		24.78	80.0	1982.00	24.78	1982.00	
		24.78	21.0	520.00	24.78	520.00	
		4.73	3200.0	15136.00	4.73	15136.00	
		273	850.0	232050.00	273.00	232050.00	
		445.78	85.0	37891.00	445.78	37891.00	
				4445772.00		4445772.00	

Ri: 44.43,783-00 Ri: 44.43,783-00

Amey
Assistant Executive Engineer,
Kodlgehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.